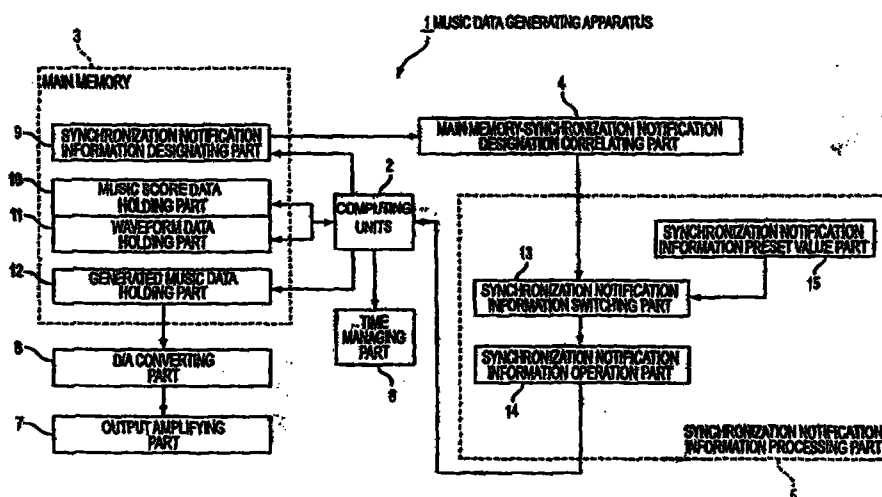




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(54) Title: APPARATUS AND METHOD FOR GENERATING MUSIC DATA



(57) Abstract

It is an object of the present invention to, in the music data generating apparatus, reduce the complex processings in each of the computing units and access to the shared region of the main memory unit and to generate more efficiently the music data. According to the music data generating apparatus of the present, the computing units (31 to 33) of the operating device unit (2) perform specified operations on data necessary for generating music that is stored in a main memory (3) and store "1" as the respective flags indicating the completion of the operating process in a synchronization notification information designating part (9) of the main memory (3). A synchronization notification information processing part (5) has a synchronization notification information switching part (13) which, in response to a control signal from a CPU (42), determines whether or not all of the processes of the computing units (31 to 33) have been completed according to whether or not all of the stored flags "1" have been received. The apparatus also includes a synchronization notification information operation part (4) which receives those determination results, and provides them to status holding parts of the computing units (31 to 33).